

Accucomp CP0400L

Polypropylene Copolymer

LyondellBasell Industries

Engineering Plastics

General			
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.900	0.898 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	0.50 g/10 min	0.50 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	145000 psi	1000 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	4210 psi	29.0 MPa	
Break	2900 psi	20.0 MPa	
Tensile Elongation			ASTM D638
Yield	12 %	12 %	
Break	180 %	180 %	
Flexural Modulus	174000 psi	1200 MPa	ASTM D790
Flexural Strength	5220 psi	36.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256
0.125 In (3.18 Mm)	19 ft·lb/in	1000 J/m	
0.250 In (6.35 Mm)	14 ft·lb/in	760 J/m	
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	70	70	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	203 °F	95.0 °C	
264 Psi (1.8 Mpa), Unannealed	122 °F	50.0 °C	

Notes

These are typical property values not to be construed as specification limits.

